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DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA1-Jerry
2-Lab file

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-545(24) Toombs County
P.I. No. 522180

OFFICE Preconstruction

DATE April 23, 1991

FROM *CWH*
C. Wayne Hutto, Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL - US 1/SR 4 IMPROVEMENTS



Attached for your files is the approval for subject project.

CWH/se

Attachment


DISTRIBUTION:

Juan Durrence
Bob Humphrey
Frank Danchetz
Herman Griffin
Darrell Elwell
Ron Colvin
Walker Scott
Winn Guthrie
Craig Brack

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE EDS-545(24) Toombs County OFFICE Preconstruction
P.I. No. 522180
DATE April 9, 1991

FROM 
William J. "Juan" Durrence, Director of Preconstruction

TO Hal Rives, Commissioner

SUBJECT US 1/SR 4 IMPROVEMENTS - PROJECT CONCEPT REPORT

This project is the widening of a 4.6(±) mile section of US 1/SR 4 from SR 56 northerly to SR 15/SR 29, south of Lyons. The existing road has a rural section with 24' of pavement and variable 6'-8' shoulders on variable 100'-200' of right-of-way. The 100' right-of-way extends from beginning of project to near the "Y" intersection at the end of project where the right-of-way increases to 200'(±). There are no major structures within the project limits but has 7 minor culverts. Base year and design year traffic is 5600 VPD (1998) and 8300 VPD (2018).

The proposed project will widen existing road between above termini to have a rural section with 4-12' lanes (2 each direction) with a 44' grassed median on minimum 184' of right-of-way. Inside and outside shoulders will be constructed to 10' with 2' and 4' paved, respectively. The minor culverts will be extended to appropriate length. Traffic will be maintained on existing road during construction. Environmental considerations are: (1) displacements of 9 residences and 3 businesses; (2) COE 404 permit (1.5(±) acres of wetlands); (3) one known UST sites; (4) a public hearing will be held. The estimated cost of the project is:

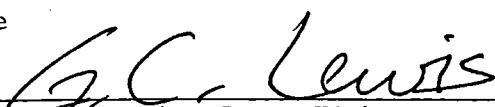
	<u>PROPOSED</u>	<u>APPROVED</u>	<u>PROG. DATE</u>
Constr(Infl&E/C)	\$5,354,000	\$3,096,000	FY 96
Right-of-way	\$1,690,000	No Est.	Preprogram
Utilities	LGPA*	LGPA*	

*LGPA to be sent after concept approval.


I recommend that we approve this project concept report, that the project be removed from Preprogram Status and added to the Construction Work Program for implementation.

WJD/WLP/se

CONCUR:


G. C. Lewis, State Highway Engineer

APPROVED:


Hal Rives, Commissioner

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

RECEIVED

MAR 29 1991

PRECONSTRUCTION

FILE EDS-545 (24) Toombs County
P.I. No. 522180
US 1/SR 4 Improvements 4.56 miles

FROM Robert E. Humphrey, Project Review Engineer

TO William J. Durrence, Director of Preconstruction

OFFICE Atlanta, Georgia

DATE March 27, 1991

REH

SUBJECT PROJECT CONCEPT REPORT

We have reviewed the attached Concept Report for this Major project.

We have received a signed cover sheet from the following office:

Traffic and Safety

This report is satisfactory for approval.

The estimated costs of this project are as follows:

Construction	\$3,894,000
Inflation (5% per year) x 5 yrs.	973,500
E & C (10%)	486,750
Preliminary Engineering (5%)	243,380
Right of Way	1,690,000
Utilities	LGPA Requested

MJB/jmf

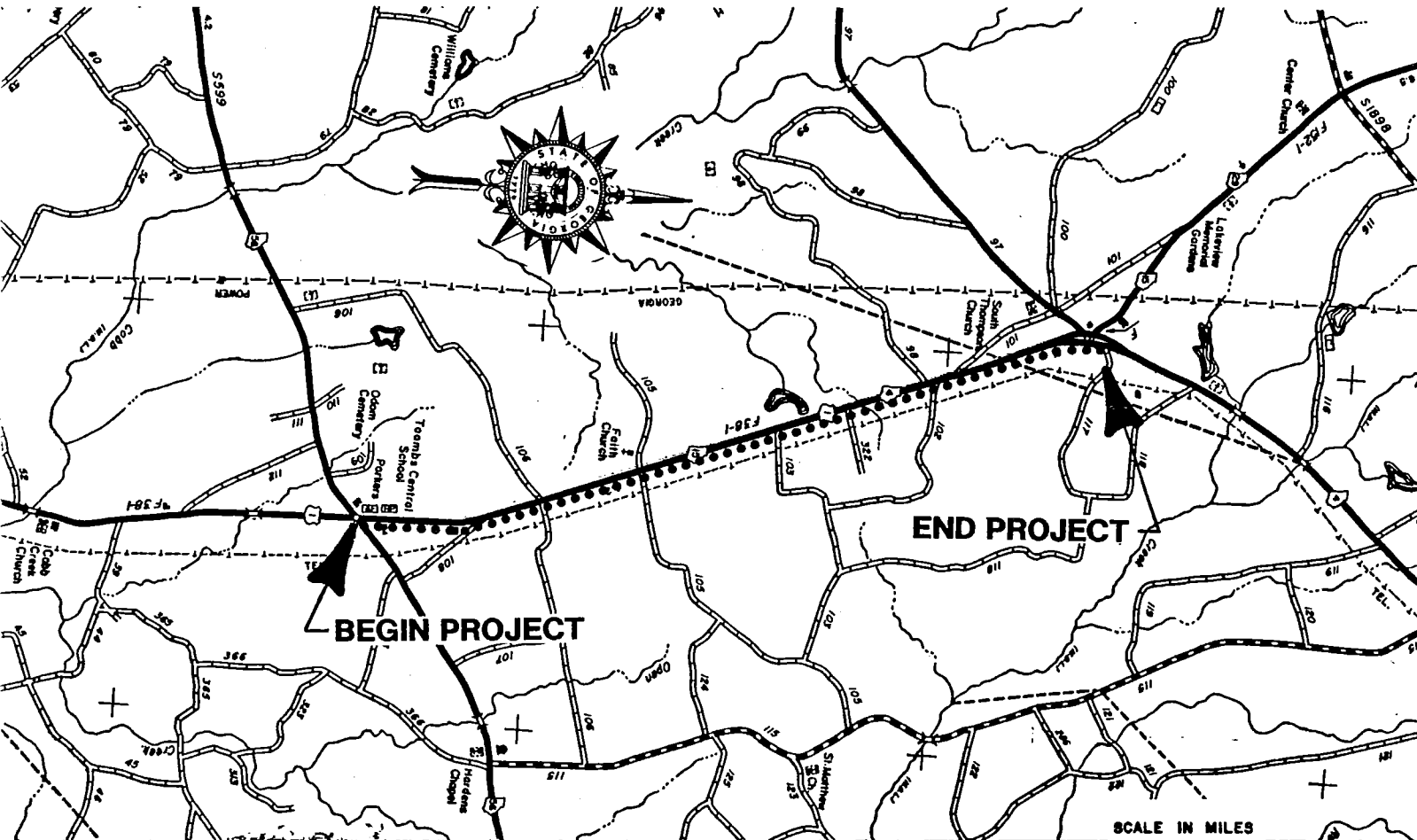
Attachments

c: Frank Danchetz

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number: EDS-545(24)
County: Toombs
P.I. Number: 522180
Federal Route Number: F 38 - 1
State Route Number: 04



RECOMMENDATION FOR APPROVAL:

DATE 2/25/91

DATE _____

DATE _____

DATE _____

Frank L. Oanchit
STATE ENVIRONMENTAL/LOCATION ENGINEER

STATE ROAD AND AIRPORT DESIGN ENGINEER

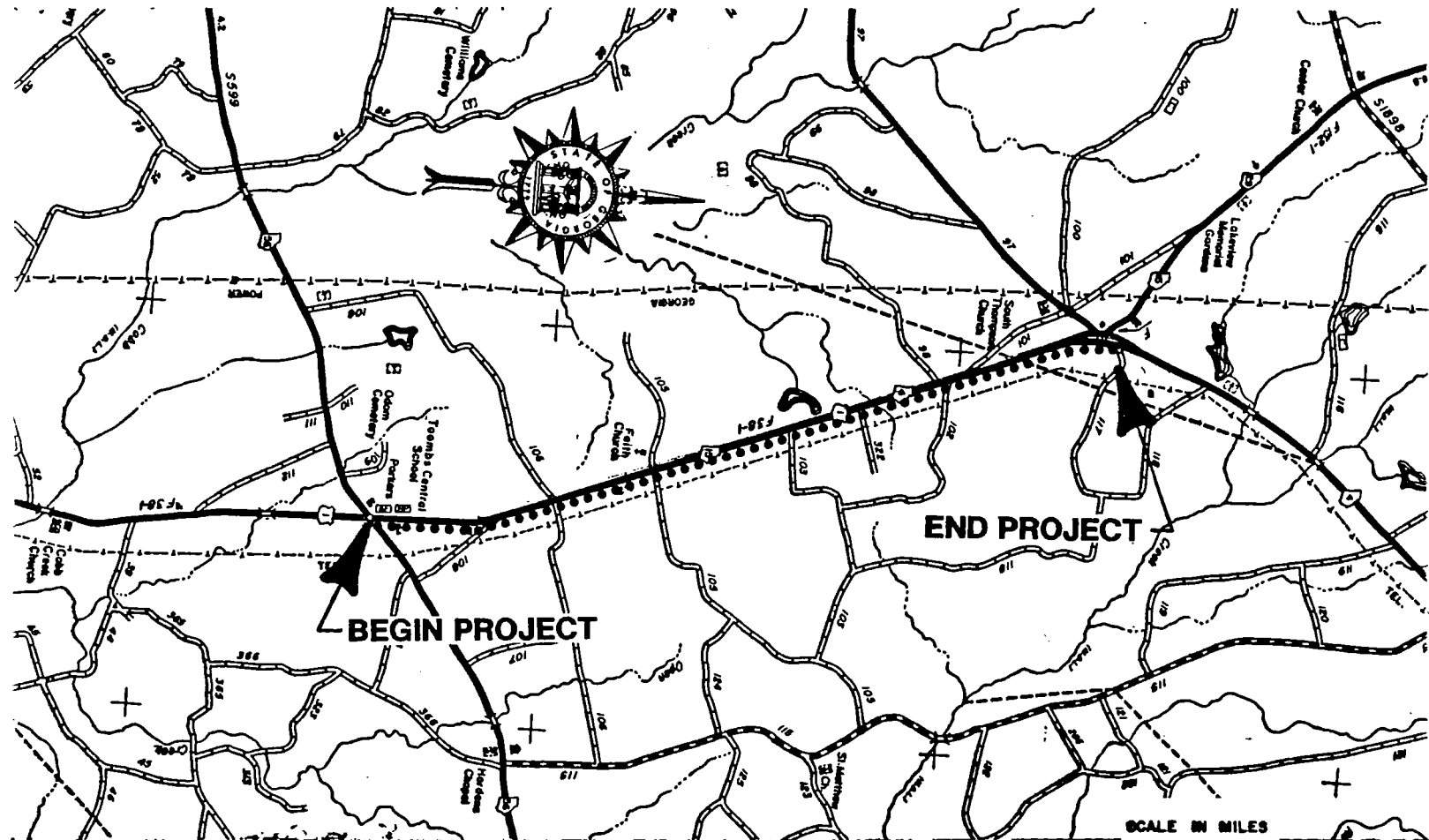
STATE TRAFFIC AND SAFETY ENGINEER

DISTRICT ENGINEER/JESUP

OFFICE OF ENVIRONMENT/LOCATION

PROJECT CONCEPT REPORT

Project Number: EDS-545(24)
County: Toombs
P.I. Number: 522180
Federal Route Number: F 38 - 1
State Route Number: 04



RECOMMENDATION FOR APPROVAL:

DATE 2/25/91

DATE 3/4/91

DATE

Frank L. Oanchet
STATE ENVIRONMENTAL/LOCATION ENGINEER

Ron Colvin
STATE ROAD AND AIRPORT DESIGN ENGINEER
STATE TRAFFIC AND SAFETY ENGINEER

DISTRICT ENGINEER/JESUP

PROJECT CONCEPT REPORT



DISTRICT ENGINEER/JESUP

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-545(23), Appling/Toombs
P.I. No. 522220

OFFICE Environment/Location

DATE February 26, 1991

FROM *Frank L. Danchetz*
Frank L. Danchetz, P.E., State Environmental/Location Engineer

TO Robert Humphrey, Project Review Engineer

SUBJECT Concept Report - U.S. 1/S.R. 4 Improvements: Plant Hatch to S.R. 56

In accordance with the Plan Development Process, the concept report for the above project is attached for your review and processing.

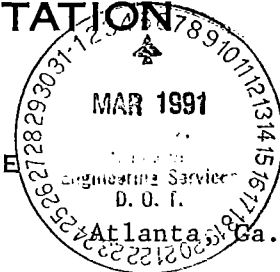
FLD/KET

Attachment

cc: C. Wayne Hutto
Walker Scott
Ronald Colvin
Paul Liles
Craig Brack/Jesup

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE



FILE EDS-545 (24)
Toombs County
P.I. No. 552180

OFFICE

DATE

March 1, 1991

FROM *RC* Ron Colvin, P.E., State Traffic & Safety Engineer
TO Robert E. Humphrey, P.E., Project Review Engineer

SUBJECT Project Concept Report Review

We have reviewed the concept report on the above project for improvements on U.S. 1/S.R. 4 from S.R. 56 in Parkers, northbound to S.R. 29/S.R. 15. Design Speed is 55 MPH. Length of project is 4.56 miles.

The existing two lane roadway would be upgraded to a four lane facility with a 44 ft. grassed median with shoulder widths to meet current design specifications.

Project improvements would enhance safety and provide for operational capacity along U.S. 1/S.R. 4.

We recommend approval for the report.

RC:LEO:lw

Attachment (signature page)

cc: Frank Danchetz - State Environmental/Location Engineer; Craig Brack,
District Engineer - Jesup

PROJECT CONCEPT REPORT

DATE: FEBRUARY 20, 1991

PROJECT NUMBER: EDS-545(24)

COUNTY: TOOMBS

PROJECT NAME: U.S. 1 IMPROVEMENTS

P.I. NUMBER: 522180

U.S. ROUTE NO: 001

STATE ROUTE NO: 04

LOCATION

FROM S.R. 56 NORTHWARD TO S.R. 29/S.R. 15.

LENGTH = 4.56 MILES

TRAFFIC

CURRENT

PROJECTED

<u>YEAR</u>	<u>AADT</u>	<u>YEAR</u>	<u>AADT</u>
1998	5550	2018	8300

PDP CLASSIFICATION

FUNCTIONAL CLASSIFICATION

MAJOR; CONSTRUCTION ALONG EXISTING ROADWAY

RURAL ARTERIAL

EXISTING TYPICAL SECTION

2 LANES W/OPEN DITCH DRAINAGE AND VARIABLE 6' - 8' GRASSED SHOULDERS ON R/W THAT VARIES FROM 100 FT. TO 200 FT.

POSTED SPEED

MAX EXIST DEGREE OF CURVE

MAX EXIST GRADE

55 MPH

2°00'

3.75%

EXISTING MAJOR STRUCTURES

P. RTG.

S. RTG

FEATURES INTERSECTED

LENGTH

DECK WIDTH

NONE

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-545(24), TOOMBS COUNTY

PROJECT NEED: U.S. 1/S.R. 4 IS THE MAJOR NORTH-SOUTH CORRIDOR IN MID-EAST GEORGIA AND IS PART OF THE GOVERNOR'S ROAD IMPROVEMENT PROGRAM. THE PROPOSED MULTI-LANING OF U.S. 1 WOULD ELIMINATE CONGESTION AND ENHANCE THE TRAFFIC FLOW, WHILE IMPROVING THE OPERATIONAL CHARACTERISTICS AND SAFETY ALONG U.S. 1.

PROPOSED TYPICAL SECTION

(1) 4 LANES WITH A 44 FT. GRASSED MEDIAN AND OPEN DITCH DRAINAGE ON 184 FT. MINIMUM R/W

DESIGN SPEED
55 MPH

MAX CURVE
ALLOWABLE: 5° 15'
PROPOSED: 2° 00'

MAX GRADE
ALLOWABLE: 4.5%
PROPOSED: 3.75%

MAJOR STRUCTURES: NONE

TYPE ACCESS: BY PERMIT ALONG EXISTING ROADWAY

TRAFFIC CONTROL DURING CONSTRUCTION: TRAFFIC WOULD BE MAINTAINED ON EXISTING ROADS.

ESTIMATED COST:

CONSTRUCTION: \$ 3,894,000

RIGHT-OF-WAY: \$ 1,690,000

E&C (10%): 389,000

ACQUIRED BY: GA D.O.T.

INFLATION: 439,000

UTILITIES: LGPA TO BE REQUESTED

2 YEARS AT 5% PER YEAR

ADJUSTED BY: NOT KNOWN AT THIS TIME

TOTAL CONST. COST: \$ 4,722,000

DISPLACEMENTS: 9-RESIDENCES, 3-BUSINESSES

LEVEL OF ENVIRONMENTAL ANALYSIS: N/A - STATE AID.

LEVEL OF PUBLIC INVOLVEMENT: PUBLIC HEARING

TIME SAVING PROCEDURES APPROPRIATE: NO

PROJECT CONCEPT REPORT

PROJECT NUMBER: EDS-545(24), TOOMBS COUNTY

DESIGN VARIATIONS REQUIRED: NONE REQUESTED AT THIS TIME

OTHER PROJECTS IN AREA: EDS-545(23)APPLING/TOOMBS; EDS-545(25)&(26)TOOMBS COUNTY

CONCEPT TEAM MEETING DATE: FEBRUARY 8, 1991

LOCATION INSPECTION DATE: NOT SCHEDULED

PERMITS REQUIRED (4f, COE, 404, etc.): COE 404; APPROX. 1.5 ACRES OF WETLANDS

UNDERGROUND STORAGE TANKS: THERE IS 1 KNOWN U.S.T. SITE LOCATED ALONG THIS PROJECT;
U.S.T. RESEARCH ASSISTANCE WAS REQUESTED FROM THE DISTRICT OFFICE ON FEBRUARY 20, 1991.

HAZARDOUS WASTE SITES: NONE KNOWN AT THIS TIME

OTHER ALTERNATES CONSIDERED: NONE

COMMENTS: _____

FOR A DETAILED PROJECT DESCRIPTION, SEE ATTACHED CONCEPT TEAM MEETING MINUTES.

ATTACHMENTS: TYPICAL SECTION

COST ESTIMATE

CONCEPT TEAM MEETING MINUTES

